

## CLAIMS:

1. An electronic assembly comprising an electronic apparatus (1) and a panel device (2), the panel device having a first panel (3,7) provided with driving electronics, the electronic apparatus being provided with means for exchanging control parameters with the panel device, the panel device being provided outside the electronic apparatus and the panel  
5 being movable between a first position and a second position in which the panel device has at least one housing (4,5,31), which comprises the first panel in one of said first and second positions and at least one further panel (3,7) being movable between a first position and a second position at least one of the panels being rollable or foldable.
- 10 2. An electronic assembly according to claim 1 being suitable for displaying information via a display device, at least one of the panels (3,7) being a display panel(3).
3. An electronic assembly according to claim 1 or 2 the housing comprising a sub-housing (5) for each separate panel.  
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4. An electronic assembly according to claim 3 at least one of the sub-housings (5) being slidable along a first axis (45).
5. An electronic assembly according to claim 4 at least one of the sub-housings  
20 (5) being rotatable with respect to the first axis (45).
6. An electronic assembly according to claim 5 in which the sub-housings (5) have a sliding device (46) in common.
- 25 7. An electronic assembly according to claim 6 in which the sliding device comprises driving electronics.
8. An electronic assembly according to claim 6 the panels being rollable with respect to a common axis (60).

9. An electronic assembly according to claim 4 at least two of the sub-housings being rotatable with respect to each other along a first axis.

5 10. An electronic assembly according to claim 9 at least one further sub-housing being rotatable or foldable with respect to a further axis (52) substantially perpendicular to the first axis.

11. An electronic assembly according to claim 3 in which the sub-housings have a  
10 driving device (21) in common.

12. An electronic assembly according to claim 11 in which the driving device is rotatable.

15 13. An electronic assembly according to claim 1 or 2 the housing comprising at least two panels(), each separate panel being rollable from a separate axis (55).

14 An electronic assembly according to claim 1 or 2, the panel device and the electronic apparatus being mechanically interconnected or mechanically interconnectable.  
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15. An electronic assembly according to claim 1 or 2 the driving electronics in the panel device and electronic circuitry in the electronic apparatus being interconnectable by electromagnetic coupling.

25 16. An electronic assembly according to claim 1 or 2, the electronic apparatus comprising a controller for selecting at least one application for the panel device and further comprising memory means for storing at least panel parameters related to said application and means for providing said parameters to an interface between the electronic apparatus and the panel device.

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17. A panel device (2) having a first panel (3,7) provided with driving electronics, the panel being movable between a first position and a second position in which the panel device has at least one housing (4,5,31), which comprises the first panel in one of said first

and second positions and at least one further panel (3,7) being movable between a first position and a second position, the panels being rollable or foldable.

18. A panel device according to claim 17 the housing comprising a sub-housing  
5 (5) for each separate panel.

19. A panel device according to claim 18 at least one of the sub-housings being  
slidable along a first axis (45).

10 20. A panel device according to claim 19 at least one of the sub-housings being  
rotatable with respect to the first axis (45).

21. A panel device according to claim 20 in which the sub-housings have a sliding  
device (46) in common.

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22. A panel device according to claim 21 in which the sliding device comprises  
driving electronics.

20 23. A panel device according to claim 19 the panels being rollable with respect to  
a common axis (60).

24. A panel device according to claim 19 at least two of the sub-housings being  
rotatable with respect to each other along a first axis.

25 25. A panel device according to claim 24 at least one further sub-housing being  
rotatable or foldable with respect to a further axis (52) substantially perpendicular to the first  
axis.

30 26. A panel device according to claim 18 in which the sub-housings have a driving  
device (21) in common.

27. A panel device according to claim 26 in which the driving device is rotatable.

28. A panel device according to claim 17 the housing comprising at least two panels, each separate panel being rollable from a separate axis (55).

5 29. A housing (4,5,31) for at least two panels, the panels being rollable or foldable between a first position and a second position, which housing comprises the panels in one of said first and second positions.

30. A housing according to claim 29 the housing comprising a sub-housing (5) for each separate panel.

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31. A housing according to claim 30 at least one of the sub-housings being slidable along a first axis (45).

15 32. A housing according to claim 31 at least one of the sub-housings being rotatable with respect to the first axis.

33. A housing according to claim 32 in which the sub-housings have a sliding device (46) in common.

20 34. A housing according to claim 33 in which the sliding device comprises driving electronics.

35. A housing according to claim 31 the in which the sub-housings have a common axis (60).

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36. A housing according to claim 31 at least two of the sub-housings being rotatable with respect to each other along a first axis.

30 37. A housing according to claim 36 at least one further sub-housing being rotatable or foldable with respect to a further axis (52) substantially perpendicular to the first axis

38. A housing according to claim 31 in which the sub-housings have a driving device (21) in common.

39. A housing according to claim 38 in which the driving device has rotating means (43).